

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A
PORTION OF THE EAST BOUNDARY
AND
THE RED SKY MILL SITE, MINERAL SURVEY NO. 1532B
TOWNSHIP 15 NORTH, RANGE 1 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated February 14, 2008, approved February 14, 2008, which provided for the surveys included under Group No. 1041, and assignment instructions dated February 14, 2008.

Survey commenced February 19, 2008

Survey completed March 11, 2008

INDEX DIAGRAM

TOWNSHIP 15 NORTH RANGE 1 EAST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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Dependent Resurvey of the Red Sky Mill Site,
 Mineral Survey No. 1532B Pages 7-10

T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary and the Red Sky Mill Site, Mineral Survey No. 1532B, Township 15 North, Range 1 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

The Golden Eagle Mill Site, Survey No. 665, was surveyed by C.B. Foster, U.S. Deputy Surveyor, in 1884.

The Red Sky Mill Site, Mineral Survey No. 1532B, was surveyed by R.C. Powers, U.S. Deputy Mineral Surveyor, in 1901.

The north and east boundaries, and the subdivisional lines of Township 15 North, Range 1 East, Gila and Salt River Meridian, were surveyed by Fred W. Rodolf, in 1911.

Corner location and maintenance of the Red Sky Mill Site, Mineral Survey No. 1532B, and a portion of the east boundary of section 1, Township 15 North, Range 1 East, Gila and Salt River Meridian, was conducted by Terry Clark, Survey Technician, United States Forest Service, in 1986. This is the source of photographs utilized during the course of this survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated February 14, 2008, for Group Number 1041, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5800 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) AI8820 FERN FERNO MESA CORS ARP, DH3751 AZAH ASHLER HILLS CORS ARP, DJ8981 FST5 FLAGSTAFF 5 CORS ARP. The NAD 83 (CORS96) (EPOCH:2002.0000) (EPOCH:2008.1389), geographic position of the 1/4 section corner of sections 1 and 6 on the east boundary of the township is as follows:

T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona

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Latitude: 34°42'28.84" N. Longitude: 112°12'05.99" W.

The mean magnetic declination is 11 1/2° E.

**Dependent Resurvey of a Portion of the East Boundary,
T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Fred W. Rodolf, in 1911

Beginning at the 1/4 sec. cor. of secs. 1 and 6, on the E. bdy. of the Tp., determined at record bearing and distance from bearing trees taken in 1994, by R. David Schurian, Arizona P.L.S. No. 14975, according to Arizona Land Survey Corner Record, Instrument No. 9473216, Book 2945, Page 758, filed at Yavapai County Courthouse, dated December 21, 1994

A Pine, 9 ins. diam., bears S. 56 1/4° E., 12 1/2 lks. dist., with scribe marks 1/4 S6 BT visible on partially healed blaze, with a tag mkd. PLS 14975.

A Pine, 12 ins. diam., bears S. 43 1/4° W., 57 1/2 lks. dist., with scribe marks 1/4 S1 BT visible on partially healed blaze, with a tag mkd. PLS 14975.

Cor. point also evidenced by a mound of stone, 2 ft. base, 1 ft. high. There is no remaining evidence of the orig. iron post.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

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T 15 N
R 1 E   R 2 E
      1/4
      |
S 1   |   S 6
  
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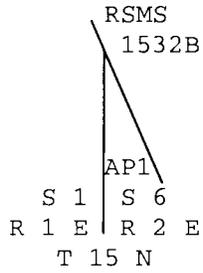
2008

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Set a steel fence post nearby, with "Land Survey Monument" and "Property Boundary" signs attached to it.

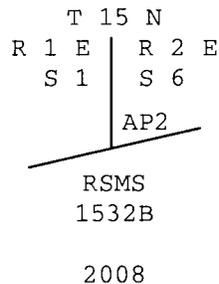
Cor. falls on the southerly edge of drainage, 2 lks. wide, drains westerly.

**Dependent Resurvey of a Portion of the East Boundary,
T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Use rocks from orig. mound of stone to create a curved barrier easterly of monument.</p>
	<p>A photograph taken in 1986, on file in the Prescott National Forest Supervisors Office, was also used as evidence to verify the cor. location.</p>
	<p>N. 0°02'W., bet. secs. 1 and 6.</p>
	<p>Over mountainous terrain, through piñon pine and juniper.</p>
2.80	<p>Intersect line 1-2, Red Sky Mill Site, M.S. No. 1532B.</p>
	<p>Point for Angle Point No. 1.</p>
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with alum. cap mkd.</p>
	
	<p align="center">2008</p>
	<p>Deposit a magnet in a white plastic case at the base of the alum. post.</p>
	<p>Set a steel fence post nearby, with "Land Survey Monument" and "Property Boundary" signs attached to it.</p>
5.75	<p>Dirt road, 10 ft. wide, bears N. 80° E. and S. 55° W.</p>
7.85	<p>Coyote wash, 20 ft. wide, drains S. 70° W.</p>
8.45	<p>Intersect line 4-1, Red Sky Mill Site, M.S. No. 1532B.</p>
	<p>Point for Angle Point No. 2.</p>
	<p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with alum. cap mkd.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona**

CHAINS



Deposit a magnet in a white plastic case at the base of the alum. post.

Set a steel fence post nearby, with "Land Survey Monument" and "Property Boundary" signs attached to it.

41.51 The cor. of Tps. 15 and 16 N., Rs. 1 and 2 E., remonumented by R. David Schurian, Arizona P.L.S. No. 14975, according to Arizona Land Survey Corner Record, Instrument No. 9473213, Book 2945, Page 755, filed at Yavapai County Courthouse, dated December 21, 1994, with an alum. post, 2 1/2 ins. diam., firmly set, projecting 23 ins. above ground, in a mound of stone, 3 ft. base to alum. cap, mkd. T16N S31 S36 R1E R2E S1 S6 T15N LS14975 1994, from which the orig. bearing trees

A dead pine, 10 ins. diam., bears N. 68 1/4° E., 41 lks. dist., with scribe marks visible but not legible on a partially healed blaze.

A pine, 9 ins. diam., bears S. 66 3/4° E., 33 lks. dist., with scribe marks partially visible on partially healed blaze.

A dead pine, 10 ins. diam., bears N. 64° W., 32 1/2 lks. dist., with scribe marks T16NR1E S36 BT visible on partially healed blaze. (Record: N. 43 3/4 ° W., 56 lks.)

and a 1994 bearing tree

A dead pine, 10 ins. diam., bears S. 28° W., 28 lks. dist., with scribe marks T15N R1E S1 BT visible on partially healed blaze. (Record: S. 29 1/4° W., 27 lks.)

This is accepted as a careful and faithful perpetuation of the orig. cor. position. Add the marks 2008 to the alum. cap.

**Dependent Resurvey of a Portion of the East Boundary,
T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona**

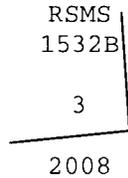
CHAINS	
	<p>and from which a new bearing tree</p> <p>A pine, 9 ins. diam., bears N. 41 3/4° E., 46 lks. dist., mkd. X BT.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of the Red Sky Mill Site, Mineral Survey No. 1532B</p> <hr/> <p style="text-align: center;">Restoring the survey executed by R. C. Powers, in 1901</p> <hr/> <p>From cor. No. 1, Red Sky Mill Site, M.S. No. 1532B, monumented with a limestone bluff, 15 ft. high, mkd. 1 1532 RSMS.</p> <p>From this cor. point, USLM 1532B bears S. 73°08' W., 6.686 chs. dist., monumented with a limestone, 13 x 7 ins., firmly set, projecting 25 ins. above ground, mkd. USLM 1532B on the easterly face, from which</p> <p>A limestone bluff, 9 ft. high, bears S. 83 1/4° E., 31 1/2 lks. dist., marks BR USLM X 1532B faintly visible. The "X" is 4 1/2 ft. above ground.</p> <p>A limestone rock in place, 6 x 4 ft., 2 ft. above ground, bears S. 0 1/4° E., 20 lks. dist., with marks USLM X 1532B faintly visible.</p> <p>S. 12°37' E., on line 1-2.</p> <p>Over rolling terrain through pine and juniper.</p>
0.70	Coyote wash, 10 ft. wide, drains S. 50° W.
2.60	Dirt Road, 10 ft. wide, bears N. 75° E. and N. 60° W.
5.525	Angle Point No. 1, on the E. bdy. of the Tp., hereinbefore described.
6.98	Cor. No. 2, Red Sky Mill Site, M.S. No. 1532B, determined by the orig. stone, 24 x 8 x 6 ins., laying loose near a scattered mound of stone and fence cor. post, with the marks 2 1532 RSMS, faintly visible. A photograph taken in 1986 showing the location of the mound of stone, was also used as evidence to verify the orig. position.
	<p>At the corner point</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p>

**Dependent Resurvey of the
Red Sky Mill Site, Mineral Survey No. 1532B**

CHAINS	
	<p>from which</p> <p style="padding-left: 40px;">A pine, 13 ins. diam., bears N. 15° E., 54 1/2 lks. dist., mkd. 2 RSMS 1532B. (Bearing and distance taken to center of root crown)</p> <p style="padding-left: 40px;">A pine, 8 ins. diam., bears S. 24 1/4° E., 43 1/2 lks. dist., mkd. X BT. (Bearing and distance taken to center of root crown)</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Bury orig. stone horizontally along S. side of alum. post.</p> <p>Set a steel fence post nearby, with "Land Survey Monument" and "Property Boundary" signs attached to it.</p> <p>This cor. falls S. 58° E., 5 lks. dist., from an old fence cor. post. An intermittent barbed wire fence, four strand, bears N. 80° E. from fence post.</p> <p>From this cor. point, the northwesterly cor. of a cinder block structure, 6 x 4 ft., 3 ft. high, long side bears S. 40° E., housing Coyote Springs, bears N. 36°45' E., 5.45 chs. dist.</p> <p>From this same cor. point, the center of a concrete cistern, 3 x 3 ft., 1 1/2 ft. high, one side bears S. 85° W., bears N. 31°25' E., 5.04 chs. dist.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 78°03' E., on line 2-3.</p> <p>Over rolling terrain.</p>
6.977	<p>Cor. No. 3, Red Sky Mill Site, M.S. No. 1532B, determined at a point midway between a fence cor. post and an embedded mound of stone. The orig. stone, 22 x 10 x 6 ins., mkd. 3 1532 RSMS was laying loose nearby.</p> <p>At the corner point</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with alum. cap mkd.</p>

**Dependent Resurvey of the
Red Sky Mill Site, Mineral Survey No. 1532B**

CHAINS



from which

A pine, 8 ins. diam., bears N. $58\ 1/4^\circ$ E., 23 lks. dist., mkd. 3 RSMS 1532B. (Bearing and distance taken to center of root crown)

A pine, 6 ins. diam., bears S. 36° W., 43 lks. dist., mkd. X BT. (Bearing and distance taken to center of root crown)

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Bury orig. stone horizontally along N. side of alum. post.

Set a steel fence post nearby, with "Land Survey Monument" and "Property Boundary" signs attached to it.

This cor. falls N. 39° E., 2 lks. dist., from an old fence cor. post. An intermittent barbed wire fence, 4 strand, bears S. 80° W. and N. 10° W. from fence post.

From this cor. point, cor. No. 5, Golden Eagle Mill Site, Survey No. 665, bears N. $70^\circ\ 46'$ W., 2.31 chs. dist. monumented with a stone, 12 x 4 ins., firmly set, projecting 12 ins. above ground, mkd. GEMS 5 faintly visible on westerly face, from which an orig. bearing tree

A juniper, 14 ins. diam., bears N. 35° E., 29 lks. dist., with scribe marks partially visible on partially healed blaze. (Bearing and distance taken to face of partially healed blaze)

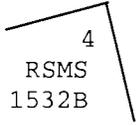
N. $12^\circ\ 09'$ W., on line 3-4.

Over rolling terrain.

2.99 From this point, a cor. set by persons unknown, bears West, 1 lk. dist., monumented with an iron rebar, 1/2 in. diam., loosely set, projecting 21 ins. above the ground, in a scattered mound of stone, 2 ft. base, 1/2 ft. high.

6.00 Dirt Road, 10 ft. wide, bears N. 70° E. and S. 70° W.

**Dependent Resurvey of the
Red Sky Mill Site, Mineral Survey No. 1532B**

CHAINS	
6.964	<p>Cor. No. 4, Red Sky Mill Site, M.S. No. 1532B, determined at midpoint between a fence cor. post and a mound of stone, 2 1/2 ft. base, 1 ft. high. The orig. stone, 24 x 13 x 8 ins., was laying loose nearby, mkd. 4 1532 RSMS. A photograph taken in 1986 shows the orig. stone set midpoint between the fence cor. post and mound of stone.</p> <p>At the corner point</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;">  <p>4 RSMS 1532B</p> <p>2008</p> </div> <p>from which</p> <p style="padding-left: 40px;">A pine, 6 ins. diam., bears N. 49° E., 19 1/2 lks. dist., mkd. X BT. (Bearing and distance taken to center of root crown)</p> <p style="padding-left: 40px;">A pine, 5 ins. diam., bears S. 76° W., 27 lks. dist., mkd. X BT. (Bearing and distance taken to center of root crown)</p> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Bury orig. stone alongside alum. post.</p> <p>This cor. falls N. 43° E., 1 1/2 lks. dist., from an old fence cor. post. An intermittent barbed wire fence, 4 strand, bears S. 10° E. and S. 80° W. from the fence cor. post.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 78° 09' W., on line 4-1.</p> <p>Over rolling terrain.</p>
4.45	Coyote wash, 15 ft. wide, drains S. 60° W.
5.80	Angle Point No. 2, on the E. bdy. of the Tp., hereinbefore described.
7.034	Cor. No. 1, and point of beginning, hereinbefore described.

T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

Red Sky Mill Site is located along Coyote Wash and encompasses Coyote Springs. The vegetation is predominately piñon pine and juniper timber, with Yucca and prickly pear cactus. The land is rolling and mountainous. Access is by way of county road 70 out of Chino Valley.

The purpose of this dependent resurvey was to determine the actual position of the Red Sky Mill Site, and to show it's positional relation to the Golden Eagle Mill Site, M.S. No. 665. On the master title plat, the Red Sky Mill Site is shown approximately 1/2 mile northeasterly of its actual location.

The Red Sky Mill Site overlaps the Golden Eagle Mill Site, which was never patented. Cor. No. 5 of the Golden Eagle Mill Site was located during this dependent resurvey, but a thorough search was not made for any other cors. of the Golden Eagle Mill Site.

The remains of the rock house tied to in the original survey of the mill site was found, but not tied in, during the execution of this dependent resurvey.

The mean magnetic declination of 11 1/2° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005 for the dates of survey.

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 14th day of February, 2008, I have dependently resurveyed a portion of the east boundary and the Red Sky Mill Site, Mineral Survey No. 1532B of Township 15 North, Range 1 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

AUGUST 11, 2008
(Date)

Craig S. Dukart
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary and the Red Sky Mill Site, Mineral Survey No. 1532B of Township 15 North, Range 1 East, Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

2/27/2009
(Date)

Stephen H. Hansen
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 15 N., R. 1 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

~~_____
(Chief Cadastral Surveyor of Arizona)~~